



# LG G3 Front Facing Camera Replacement

Replacing the rear-facing camera.

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## INTRODUCTION

The front-facing camera may be causing problems due to either the ribbon cable not being connected properly or because the camera is broken. This guide should help you fix both problems.



### TOOLS:

- [Metal Spudger](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)



### PARTS:

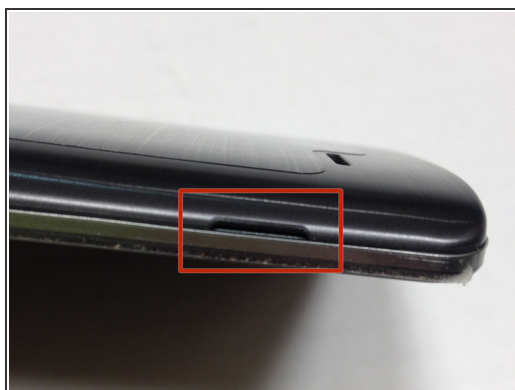
- [LG G3 Front Facing Camera](#) (1)

## Step 1 — Rear Case



- Take your phone and place it screen down.

## Step 2



- Start by lifting the back panel using the gap located on the bottom-left side of the phone.
- Insert the plastic opening tool into the gap and move it along the edge of the phone until the rear case pops off.



## Step 3 — Battery



- Remove the battery from the phone.

## Step 4 — Front Facing Camera



- Remove the 13 screws found on the back of the phone.
- ⓘ The screw circled in red is shorter than the other 12 screws. For an easier time when reassembling the phone, store it separately from the other screws.

## Step 5



- Locate the same gap used in the earlier step
- Remove the bottom panel by gently lifting using your fingers

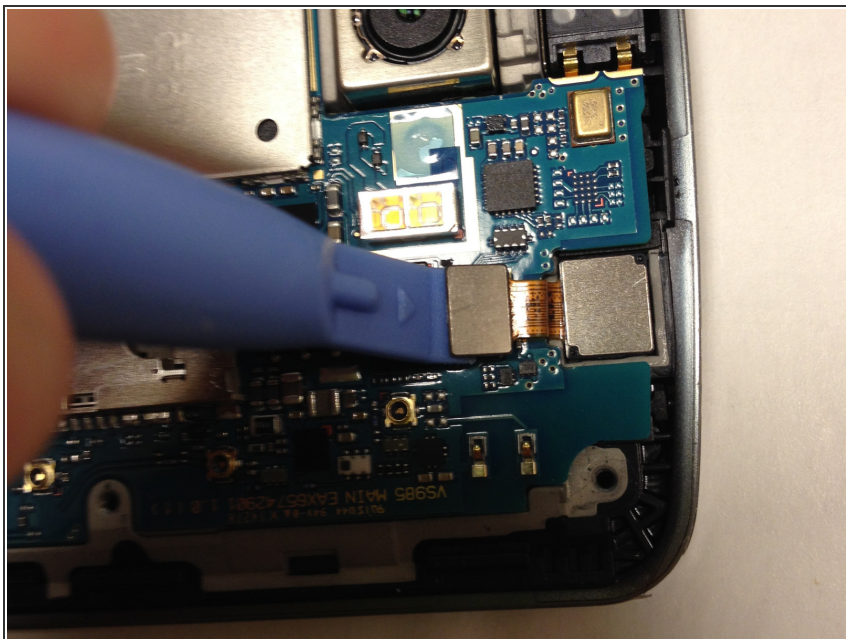
## Step 6



- Remove the top panel by gently lifting with your finger
- ⓘ Do not pull up too forcefully, as there is a risk of the top panel breaking

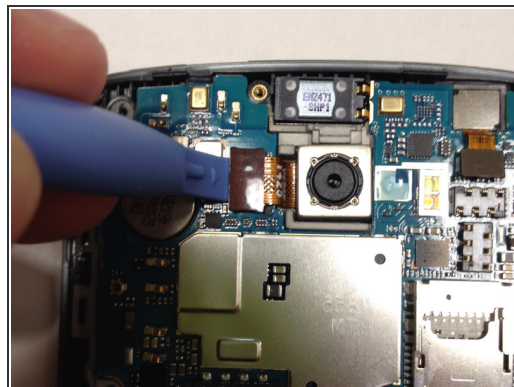
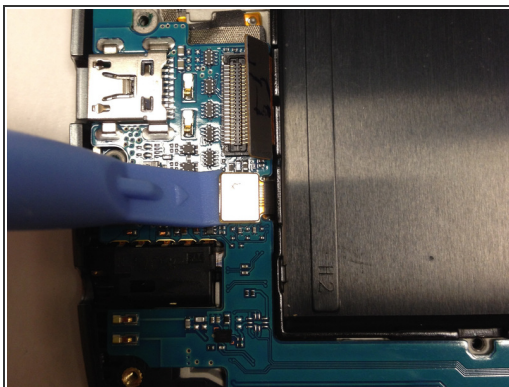


## Step 7



- Check to see that the ribbon cable is connected properly. If it was not, connect it and see if the front-facing camera now functions as intended. Otherwise, proceed
- Take the plastic opening tool and gently wedge it under where the ribbon cable is connected
- Gently lift up to disconnect the ribbon cable

## Step 8



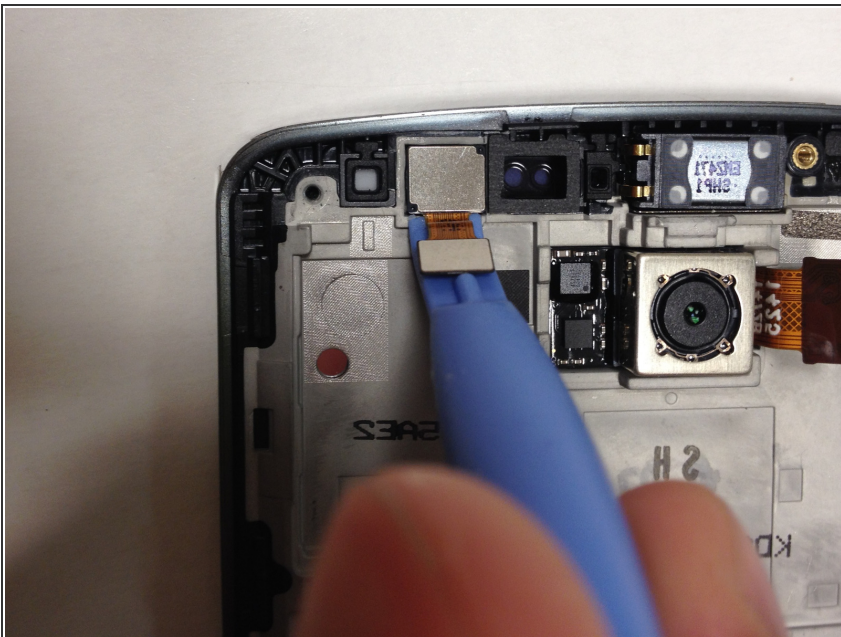
- Repeat the same process for the other 3 ribbon cables connected to the motherboard

## Step 9



- Remove the motherboard by lifting gently
- ⓘ Take care not to damage the ribbon cables if the other components are functional. Damaging them may result in other components not working

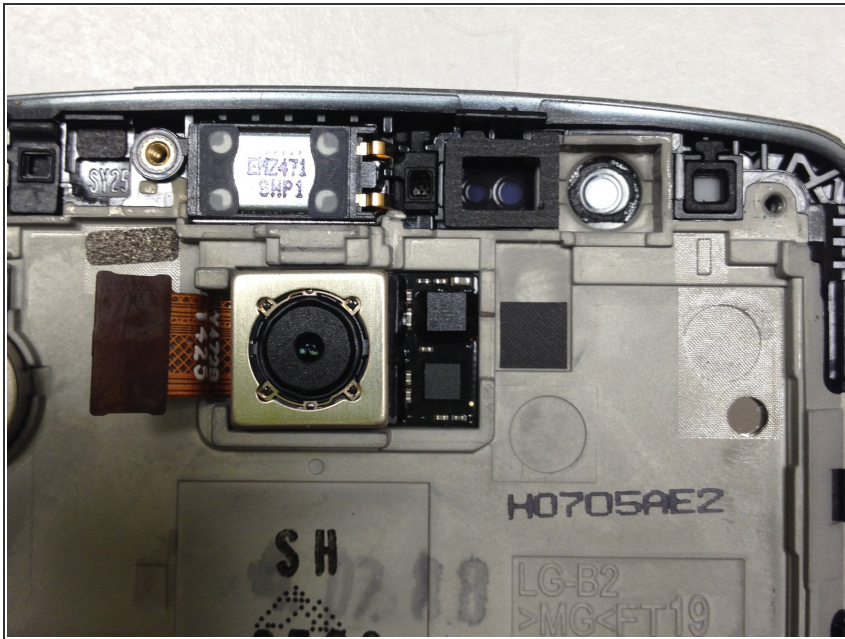
## Step 10



- Take the plastic opening tool and remove the front-facing camera by wedging it into the sides and under the ribbon cable and lifting up
- ⓘ The front-facing camera is kept in place with an adhesive, so it may take some time and effort to get it out. Depending on how much force you are using, it may also be launched across the room



## Step 11



- Remove the old front-facing camera

To reassemble your device, follow these instructions in reverse order.

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